



SEQUENCE LISTING

<110> Thuy Pham Beier

<120> Viral Detection System

<130> 02011518-HT

<140> 09/866,261

<141> 2001-05-25

<150> 09/159,325

<151> 1998-09-23

<150> 60/061,287

<151> 1997-10-07

<160> 26

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 205

<212> DNA

<213> Avian Leukosis / sarcoma Virus

<400> 1

ctacagctgt taggttccca gtctctccct aacattacta atattactca gatctccggt	60
gtaaccgggg gatgcgtagg cttcaggcca aaaggggttc cttggtatct gggttggtct	120
agacaggaag ccacgcggtt tctccttaga cgccctctt tctctaactc ctogaaacgc	180
tttacagtgg tgacagcgga taggc	205

<210> 2

<211> 229

<212> DNA

<213> Avian Leukosis / sarcoma Virus

<400> 2

ctacaactgc taggttccca gtctctcccc aatataacta atattactcg gatccccagt	60
gtggctggag gatgcatagg ctttacccca tacgatagtc cggctggtgt ctacggatgg	120
gaccggagag aggttacaca catccttctg accgaccag ggaacaatcc tttctttgat	180
aaggcctcta actcctcgaa accgtttaca gtagtgacag cggacaggc	229

<210> 3

<211> 211

<212> DNA

<213> Avian Leukosis / sarcoma Virus

<400> 3

ctgcagctgc taggttccca gtctctccct aacgttacta acattactca ggtctctggc	60
gtggccgggg gatgtgtata ttctgcccc agggccactg gcctgtttct aggttggtct	120
aaacaaggtc tctcgcggtt cctcctccgt cacccttta cctccacctc taactccacg	180
gaaccgttca cgggtggtgac agaggataga c	211

<210> 4

<211> 229

RECEIVED #4
MAR 22 2002

TECH CENTER 1600/2900

APR 08 2002

RECEIVED
TECH CENTER 1600/2900RECEIVED
APR 05 2002
TC 1700RECEIVED
MAR 28 2002
Technology Center 2100RECEIVED
APR 29 2002
TECH CENTER 1600/2900

<212> DNA
<213> Avian Leukosis / sarcoma Virus

<400> 4
ctgcagctgt tagggtccca gtctctccta atatcgctaa tattactcag atccctggtg 60
tggcaggagg atgcataggc ttccacccat acggcagtcg ggctgggtgt tacgggtggg 120
ggcgggaaga ggtgacacac atcctcttaa ccaaccccc tgabaatcct ttcttbaacc 180
gtgcttctaa ctccacggaa ccggttacgg tgggtgacag cggabaggc 229

<210> 5
<211> 228
<212> DNA
<213> Avian Leukosis / sarcoma Virus

<400> 5
ctacagctgc taggttccca gtctctccct aacattacta atattactca gatttctggt 60
gtaaccgggg gatgcgtagg ctccgcccc cactccaatc caagtgggtgt ctacgggtgg 120
ggcgggagac aggttacaca caacttcttg atcgccccgt gggtaaatcc tttctttaac 180
agcgttctta actccacgga accgttacgg tgggtgacag ggataggc 228

<210> 6
<211> 202
<212> DNA
<213> Avian

<220>
<221> prim_transcript
<222> (1)...(202)
<223> PCR product

<400> 6
acagctgtta ggttcccagt ttttcctcac attattaata ttactcaaatt ttctgggtga 60
accggaggag gcgtaggctt tagaccagga gggatccctt ggtatatagg atggactaga 120
caggaagcca caccgttctt ccttagacaa tcttcctttt ctaattccac ggaaccattt 180
acggtggtga cagcggatag gc 202

<210> 7
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide

<400> 7
ctacagctgt taggttccca gt 22

<210> 8
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide

<400> 8
gcctatccgc tgtcaccact g 21

<210> 9
<211> 202
<212> DNA
<213> Avian

<220>
<221> prim_transcript
<222> (1)...(202)
<223> PCR product

<400> 9
acagctgtta ggttcccagtt ttttccctca cattataata ttactcaaatt ttctggtgta 60
accggaggag gcgtaggctt tagaccagga gggatcccct ggtatatagg atggactaga 120
caggaagcca caccggttcct ccttagacaa tcctcctttt ctaattccac ggaaccattt 180
acggtggtga cagcggatag gc 202

<210> 10
<211> 226
<212> DNA
<213> Avian

<220>
<221> prim_transcript
<222> (1)...(226)
<223> PCR product

<400> 10
cagctgttag gttcccagtc tctccctaac attactaata ttactcagat ttctggtgta 60
actgggggat gcgtaggctt caccacacac tccaatccaa gtggtgttta cgggtggggc 120
cggagacagg ttacacacaa cctcttgatc gccccgtggg tcaatccttt ctttaacagc 180
gcttctaact ccacggaacc gtttacggtg gtgacagcgg ataggc 226

<210> 11
<211> 225
<212> DNA
<213> Avian

<220>
<221> prim_transcript
<222> (1)...(225)
<223> PCR product

<400> 11
cagctgttag gttcccagtt tctccctaac attattaata ttactcagat ttctggtgta 60
actgggggat gcgtaggctt caccacacac tccaatccaa gtggtgttta cgggtggggc 120
cggagacagg ttacacacaa cctcttgatc gccccgtggg tcaatccttt ctttaacagc 180
gcttctaact ccacggaacc gtttacggtg gtgacagcgg atagg 225

<210> 12
<211> 229
<212> DNA
<213> Avian

<220>
<221> prim_transcript
<222> (1)...(229)
<223> PCR product

<400> 12
ctacagctgt taggttccca gtctctccct aacattacta atattactca gatttctggt 60
gtaacggggg gatgcgtagg cttcgcccc cactccaatc caagtgggtgt ctacgggtgg 120
ggccggagac aggttaacaca caacttcttg atcgccccgt gggccaatcc tttctttaac 180
agcgcttcta actccacgga accgtttacg gtggtgacag cggataggc 229

<210> 13
<211> 224
<212> DNA
<213> Avian

<220>
<221> prim_transcript
<222> (1)...(224)
<223> PCR product

<400> 13
gctgttaggt tcccagtctc tccctaacat tactaatatt actcagattt ctggtgtaac 60
cgggggatgc gtaggcttca ccccaactc caatccaagt ggtgtttacg ggtggggcgg 120
gagacaggtt acacacaact tcttgatcgc cccgtgggtc aatcctttct ttaacagcgc 180
ttctaactcc acggaaccgt ttacggtggt gacagcggat aggc 224

<210> 14
<211> 203
<212> DNA
<213> Avian

<220>
<221> prim_transcript
<222> (1)...(203)
<223> PCR product

<400> 14
tacagctggt aggttcccag tctctcccta acattactaa cataactcaaa tttctggtgt 60
aaccggagga tgcgtaggct ttagaccagg agggatcccc tggatatgg gatggactag 120
acaggaagcc acacggttcc tccttaaaca atcctccttt tctaattcca cggaaccatt 180
tacggtggtg acagcgata ggc 203

<210> 15
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide

<400> 15
ctrcarctgy taggytccca g 21

<210> 16
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide

<400> 16

gycaycactg tgcctrtrcc g	21
<210> 17	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide	
<400> 17	
ggcttcaggc caaaaggggt	20
<210> 18	
<211> 22	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide	
<400> 18	
gtgcattgcc acagcggtac tg	22
<210> 19	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide	
<400> 19	
ggctttaccc catacgatag	20
<210> 20	
<211> 21	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide	
<400> 20	
acacatcctg acagatggac c	21
<210> 21	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide	
<400> 21	
tatttcgccc caagggccac	20
<210> 22	

<211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide

 <400> 22
 ccacgtctcc acagcggtaa gt 22

 <210> 23
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide

 <400> 23
 ggcttcaccc catacggcag 20

 <210> 24
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide

 <400> 24
 ccatacgtcc tcacagatag a 21

 <210> 25
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide

 <400> 25
 ggcttcgccc cacactccaa 20

 <210> 26
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide

 <400> 26
 gcacatctcc acagtgtaa at 22